

ARRL PUBLICATIONS



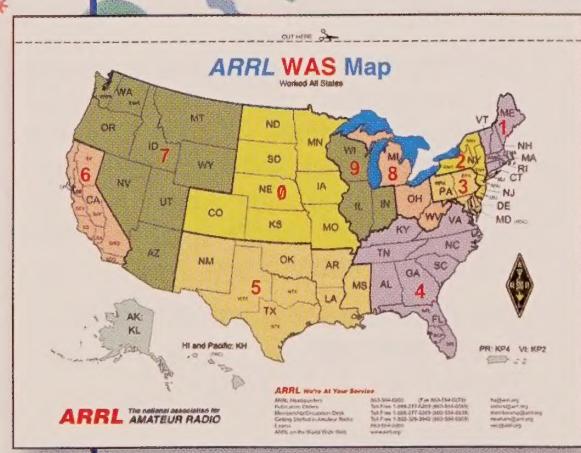
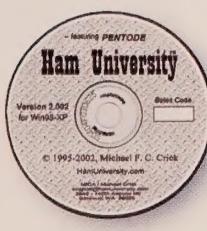
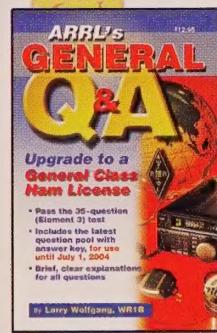
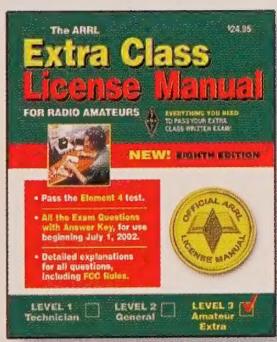
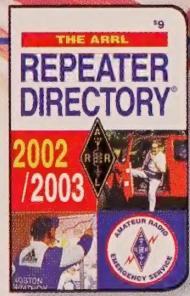
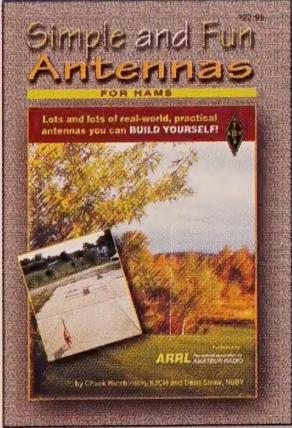
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Spring/Summer 2002

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What's NEW!
SEE PAGE 1



BONUS: tear-out
US WAS Map (page 13)

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ARRL Marketplace
(Inside Back Cover)

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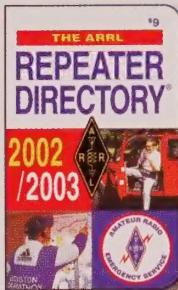
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What's NEW!



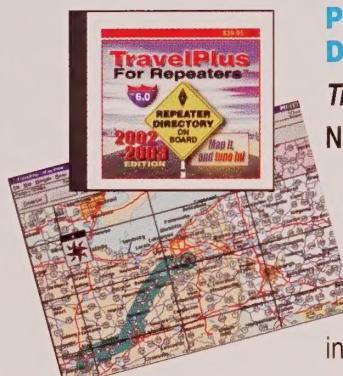
Bright, Colorful NEW Look!

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The single most trusted source of VHF/UHF repeater listings.

See page 6.



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See page 6.



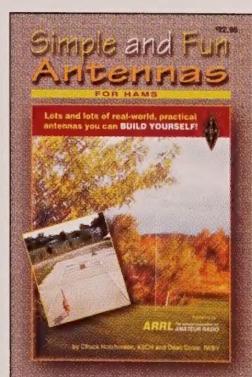
QST on CD-ROM!

ARRL Periodicals on CD-ROM

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See page 2.



NEW BOOK!

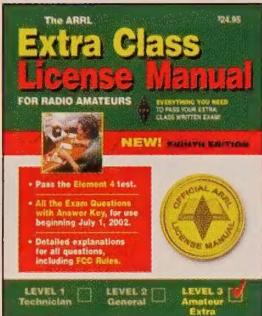
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Finally, a no-nonsense, hands-on, practical book about antennas! Filled with more than 70 well-tested, fun and entirely useful projects.

See page 5.

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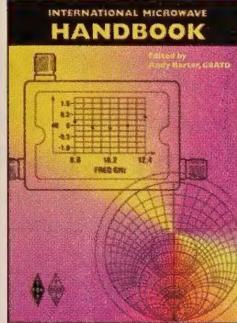
"An Official ARRL License Manual"

The ARRL Extra Class License Manual

NEW 8th Edition

For exams beginning July 1, 2002.

See page 14.

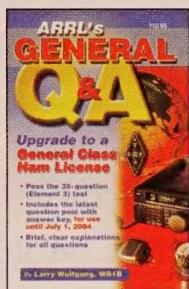


Published jointly by **RSGB**
and **ARRL**!

International Microwave Handbook

Theory, techniques and devices
for the microwave experimenter.

See page 11.



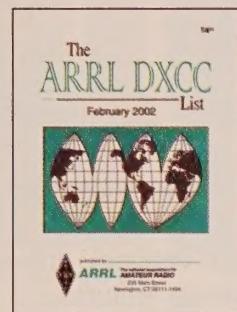
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See page 15.

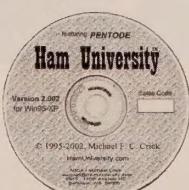


Official Award Rules!

The ARRL DXCC List

February 2002 edition.

See page 7.



**Code and practice exam
software on CD-ROM!**

Ham University

Learn Morse code with this feature-packed easy-to-use software. Includes a written exam quiz generator with all three question pools.

See page 15.

Nova for Windows. Satellite tracking software
(see page 9).

Radio Amateur Callbook CD-ROM
(see page 9.)

Independent Energy Guide. Electrical Power
for Home, Boat & RV (see inside back cover).

SETI League Technical Symposium—2002
(see page 12.)

Southeastern VHF Society Conference—2002
(see page 12.)

Study from current editions!

License Manual Revision Schedule

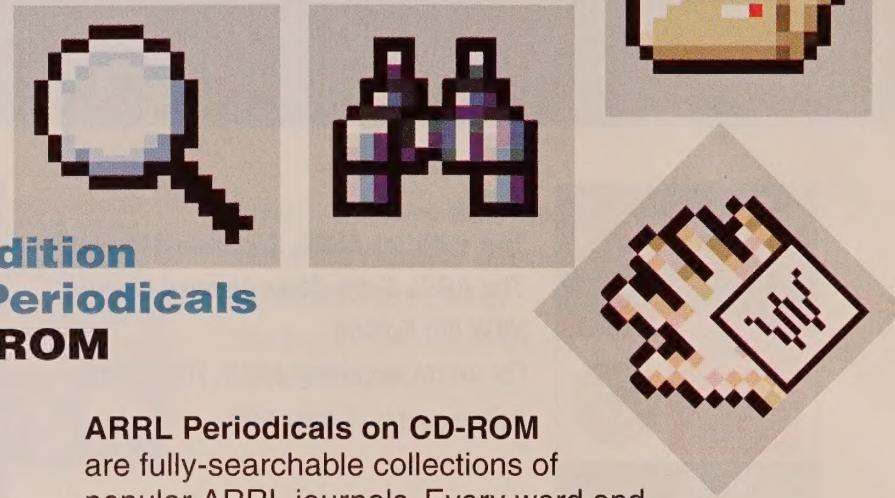
<i>Now You're Talking!</i> —4 th (current) edition	valid through June 30, 2003
<i>ARRL's Tech Q & A</i> —2 nd (current) edition	valid through June 30, 2003
<i>ARRL Technician Class Video Course</i> (2001 edition)	valid through June 30, 2003
<i>ARRL General Class License Manual</i> —4 th (current) edition	valid through June 30, 2004
<i>ARRL's General Q & A</i> —1 st (current) edition	valid through June 30, 2004
<i>ARRL General Class Video Course</i> (2001 edition)	valid through June 30, 2004
<i>ARRL Extra Class License Manual</i> —7 th (current) edition	valid through June 30, 2002
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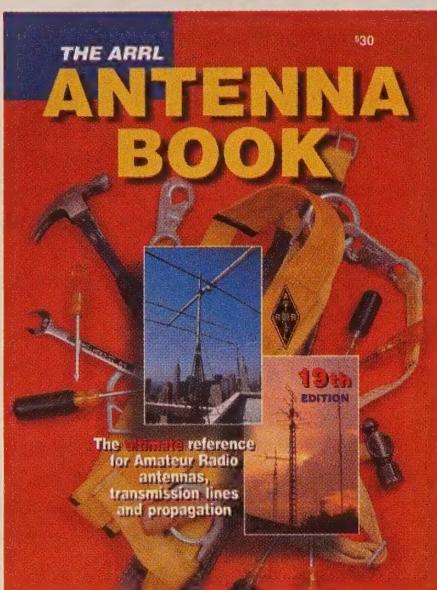
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#8411 Years 1984-90 \$59.95
#HRCD (all three sets) \$149.85
**#7660 QEX Collection CD-ROM
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THE ARRL ANTENNA BOOK—19th Edition

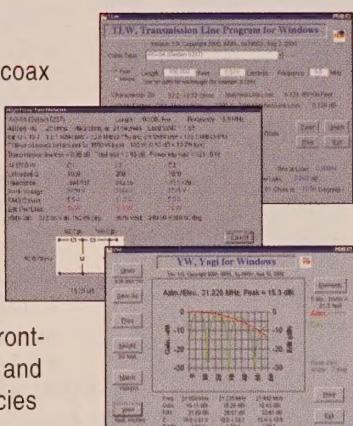
"THE Antenna Reference Standard." You need real-world antenna solutions. Use this extensively rewritten edition to design and build antennas using modern materials (antennas that work for you and your station!). The latest computer modeling techniques have improved traditional antenna designs. Find a new treatment of broadband antennas; gain and size comparisons for multielement arrays; and updated information on log periodic, quad, long-wire and traveling-wave antennas. Filled with high performance antennas and proven designs: antennas and towers; antenna materials and supports; antenna pattern measurements; transmission lines; signal measurements; mobile systems; direction finding; lightning protection; preamps; tuners; projects; and more!

CD-ROM included with two new Windows programs (**Yagi for Windows** and **Transmission Line for Windows**), detailed propagation forecasts, and other utilities.

There are so many reasons to add **THE ARRL ANTENNA BOOK**—the ultimate reference for antennas, transmission lines and propagation—to your library.

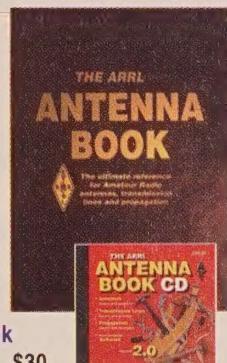
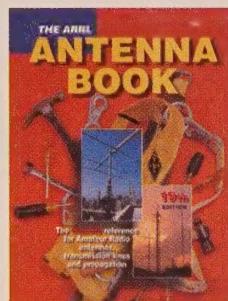
Transmission Line Program for Windows (TLW)

Analyze 32 standard types of coax or open-wire transmission lines, or "design your own" transmission line to analyze.



Yagi for Windows (YW)

Analyzes Yagis and displays front-to-rear ratio (or front-to-back) and SWR over a range of frequencies you specify.



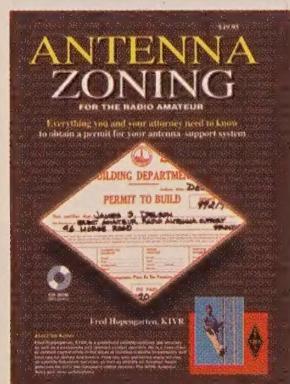
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*Some supplementary software utilities included, for Windows and DOS only.



Antenna Zoning for the Radio Amateur

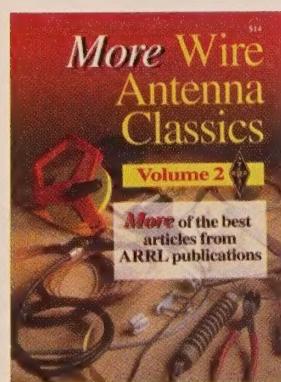
"NO Antenna, NO Ham Radio." Don't let the confusing tangle of ordinances and by-laws keep you from installing the antenna you need in order to communicate effectively! In recent years, many cities and towns have enacted ordinances designed mainly to regulate cellular antenna structures. Unfortunately, hams have sometimes been caught in the backlash of regulatory overkill. This book describes proven techniques and strategies that a ham and his or her attorney can use to obtain an antenna-structure permit. **CD-ROM included** containing case law, sample letters you can customize, and additional precedent-setting legal cases and reference material. #8217 \$49.95

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This book is filled with innovative designs from the pages of *QST* and other ARRL publications. Experience the satisfaction and enjoy the benefits of building your own wire antennas. Inside, you'll find more than just creative ideas. These versatile antennas work! If you have the original *ARRL's Wire Antenna Classics*—you'll want MORE!

Volume 2. #7709 \$14

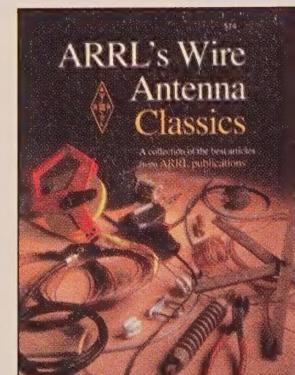
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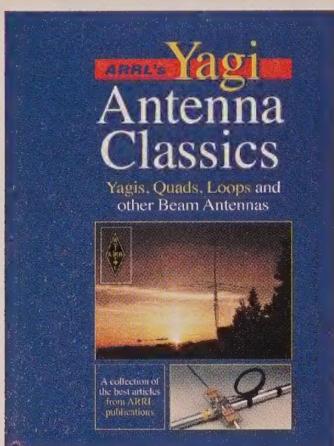
ARRL's Wire Antenna Classics

Antennas to Build—ideas to Experiment With! So many wire antenna designs have proven to be first class performers! Here's an entire book devoted to wire antennas, from the simple to the complex. Includes articles on dipoles, loops, rhombics, wire beams and receive antennas—and some time-proven classics! An ideal book for Field Day planners or the next wire antenna project at your home station.

Volume 1. #7075 \$14



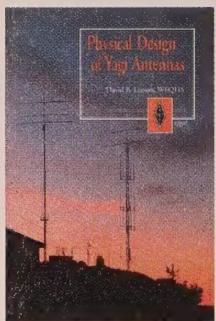
Antennas (continued)



ARRL's Yagi Antenna Classics— Yagis, Quads, Loops and other Beam Antennas

Includes some of the very best articles written about beam antennas, from ARRL publications. The antennas covered in this book will provide the reader with a historical perspective, new and ambitious ideas, and computer-optimized designs for all-around best performance. Covers monobanders; multibanders; HF, VHF, and UHF beams from 80 meters to 2304 MHz; computer modeling; towers, masts and guys.

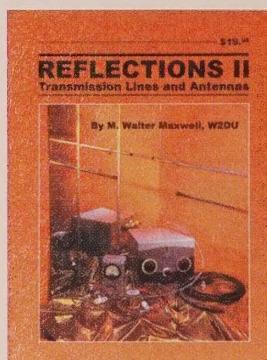
#8187 \$17.95



Physical Design of Yagi Antennas,

by David Leeson, W6QHS, #3819 \$20

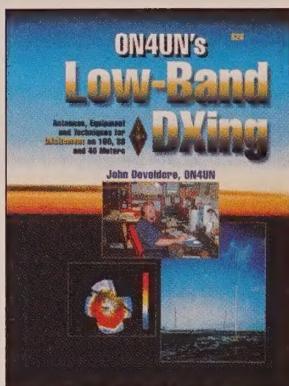
Do your antennas live in fear of wind and ice storms? Beef up your Yagis so they'll survive poor weather and winds of 100 miles an hour and beyond!



Reflections II—Transmission Lines and Antennas

by M. Walter Maxwell, W2DU,
#REF2 \$19.95

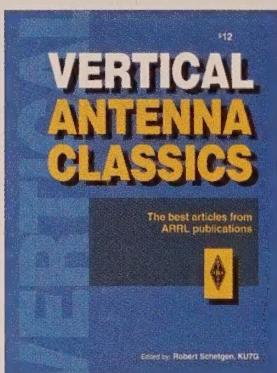
An in-depth treatment of transmission lines, standing waves, antenna matching, reflected power and antenna tuners. Included is a wealth of information on matching networks, antennas, and use of the Smith Chart.



ON4UN's Low-Band DXing

#7040 \$28

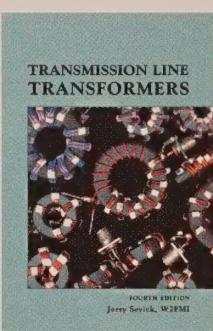
A **must for DXers**, contesters and casual operators who even occasionally venture onto the low bands! This extensively revised edition brings you the latest antennas, techniques and equipment for 160, 80 and 40-meter operating. Follow the outstanding achievements of John Devoldere, ON4UN, as he presents practical information you need to operate a highly successful station on the low bands!



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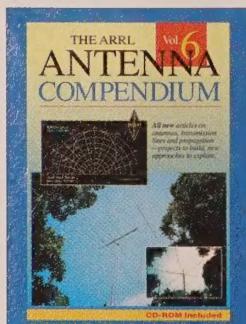
Get Vertical! #5218 \$12



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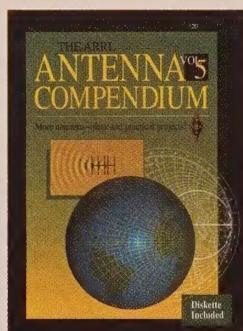
Antenna Compendium



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All new articles covering low-band antennas and operating, 10-meter designs, multiband antennas, propagation and terrain assessment. CD-ROM included with propagation prediction software!

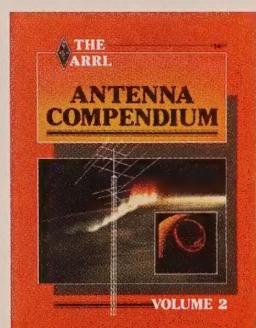
#7431 \$20 — Includes software



The ARRL Antenna Compendium Volume 5

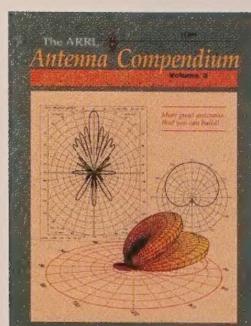
Enjoy excellent coverage of baluns, an HF beam from PVC, low-band Yagis, quads and verticals, curtain arrays, and more!

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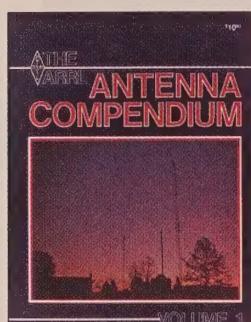
The ARRL Antenna Compendium Volume 2

Covers a wide range of antenna types and related topics, including innovative verticals, an attic tri-bander, antenna modeling and propagation. #2545 \$14



The ARRL Antenna Compendium Volume 3

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HF Verticals

Dual-Band VHF/UHF Antennas

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HF and VHF Beam Antennas

Towers

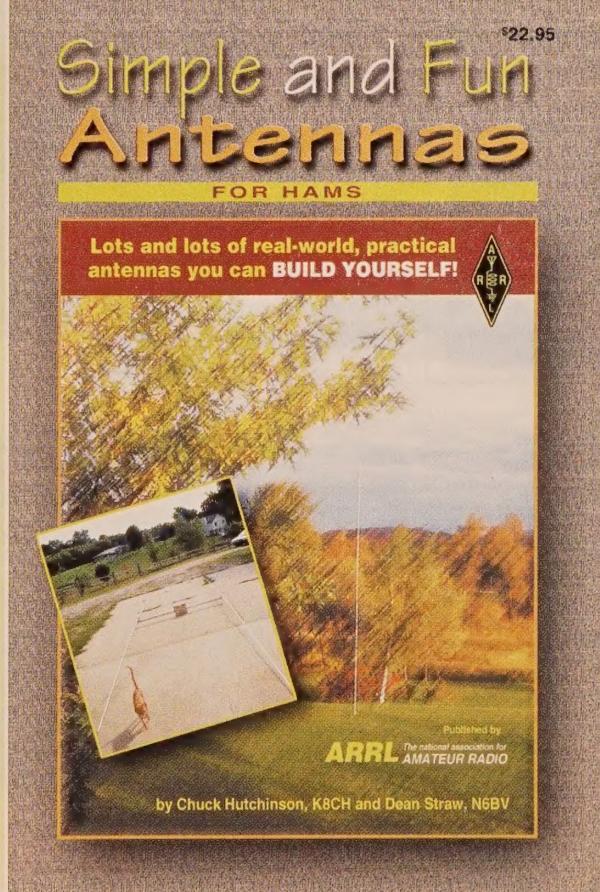
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Operating

18,725

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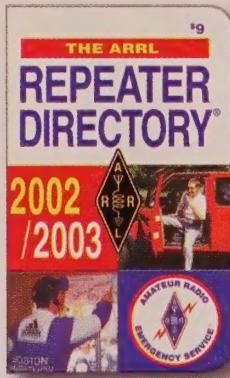
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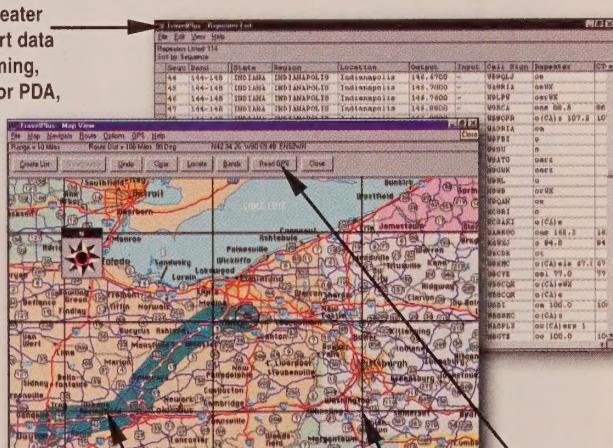
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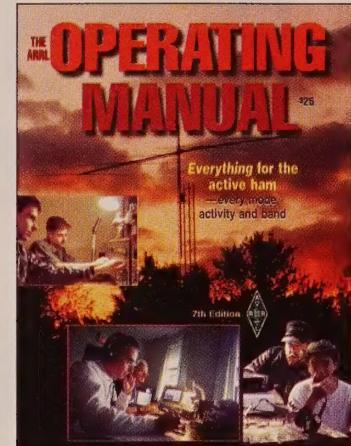
Locate repeaters along your next travel route

Display grid squares

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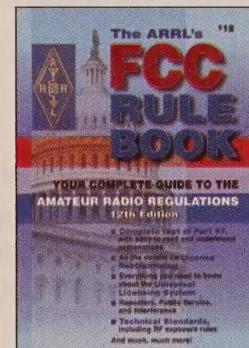
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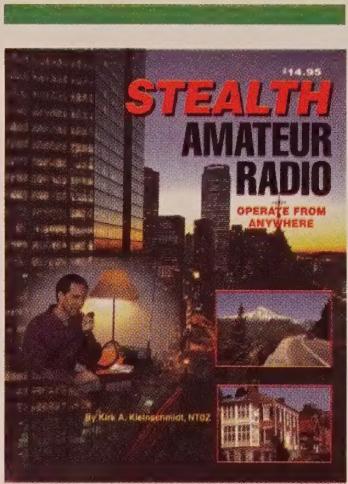
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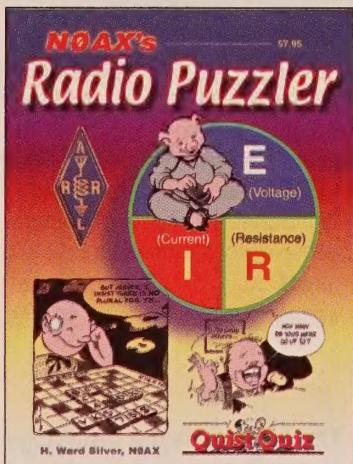
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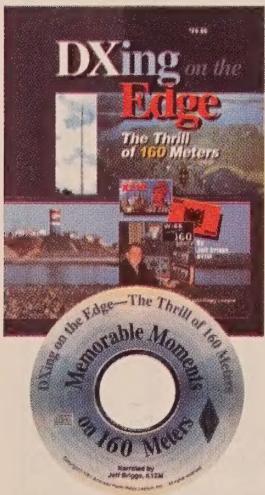


NØAX's Radio Puzzler

by H. Ward Silver, NØAX,

#8225 \$7.95

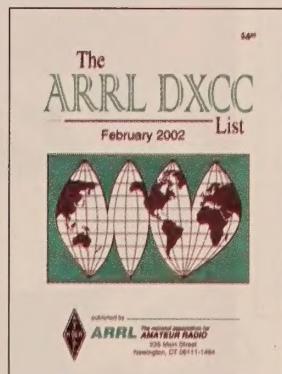
Sharpen your pencil—while sharpening your mind! Here's a fantastic collection of Test Your Knowledge articles from *QST*, and other challenging logic problems. Puzzles, quizzes, word problems and more...all with the purpose of expanding your understanding of many different topics.



DXing on the Edge—The Thrill of 160 Meters

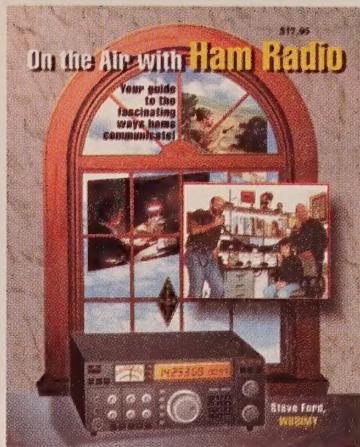
by Jeff Briggs, K1ZM, #6354 \$29.95

A fascinating chronicle of what it takes to navigate the 160 meter band. Includes useful operating tips and descriptions for many practical antennas needed to be successful on 160 meters. This book includes an audio CD with some truly exotic and exciting QSOs made from prominent DX stations. Many photos and historical information included, from the early 1930s through present day.



The ARRL DXCC List

The official source of DXCC awards information! Includes all world-wide call sign prefixes, DXCC entities (including new and deleted entities), DXCC rules, changes and clarifications. A "must have" for every DXer. February 2002 edition, #8578 \$4

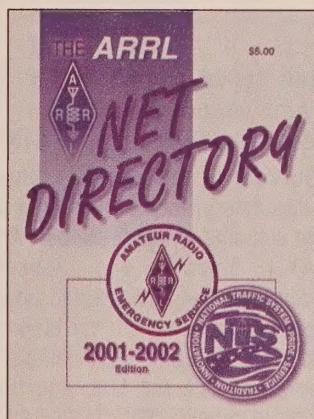


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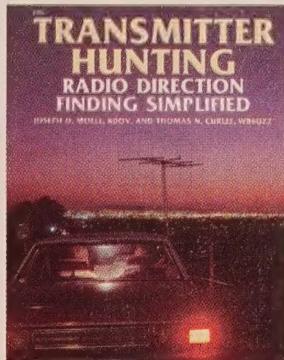


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2001-2002 Edition

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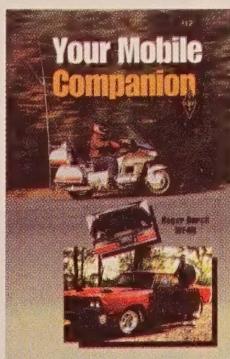
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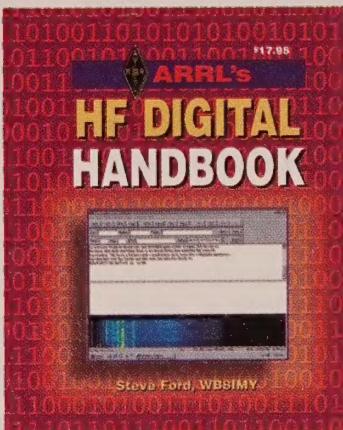
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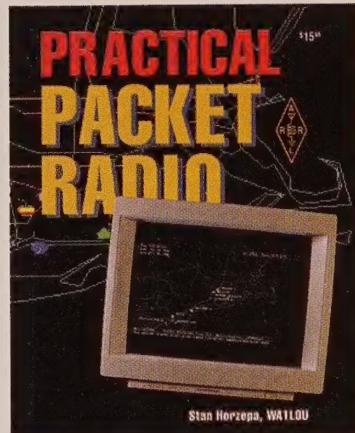
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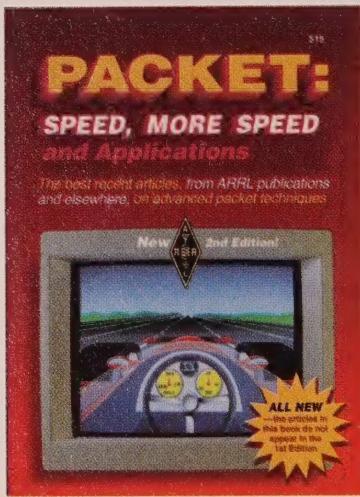
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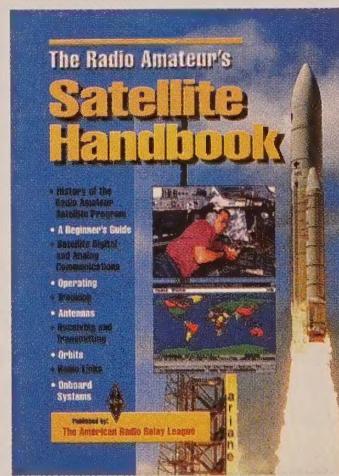
This book will make your life easier, whether you're setting up your first packet station or exploring TCP/IP, APRS or another more-advanced technique. Covers everything the packet-active ham needs to know: setting up a station, getting on the DX packet cluster, exploring bulletin boards and satellites, and much more.



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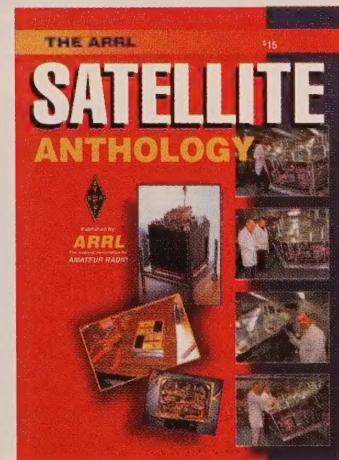
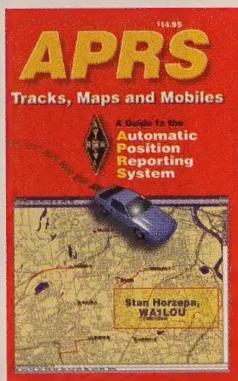
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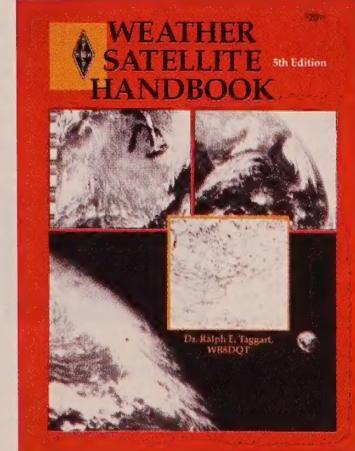
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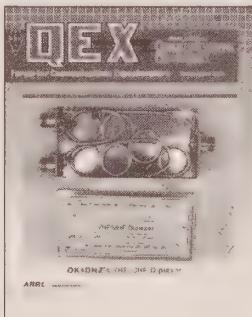
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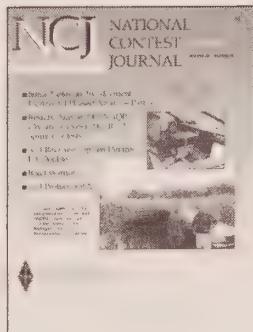
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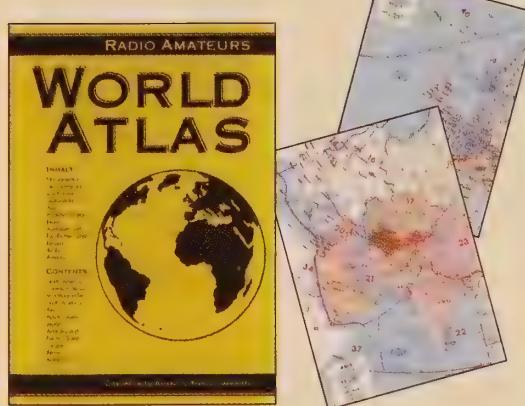
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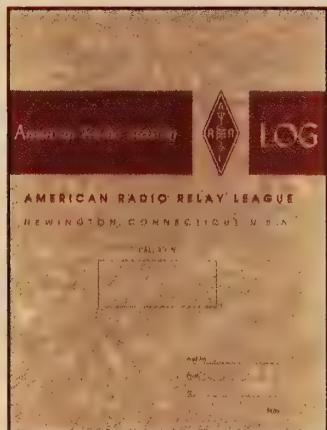


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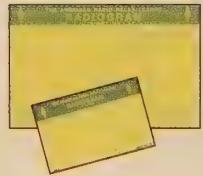


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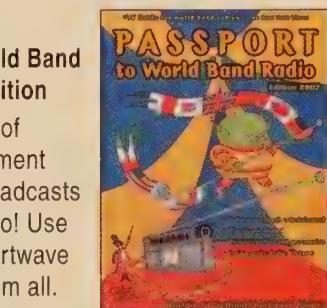
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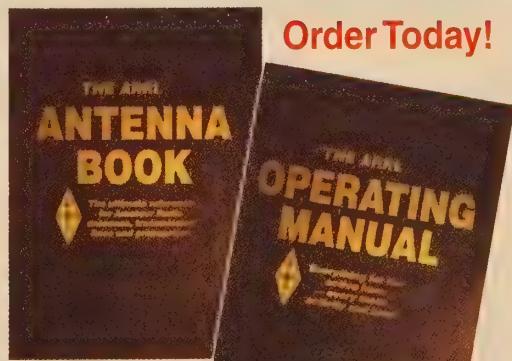
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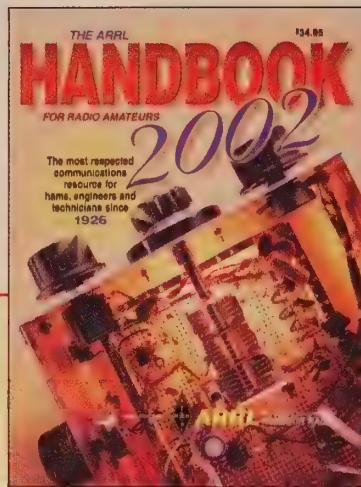
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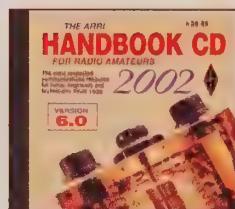
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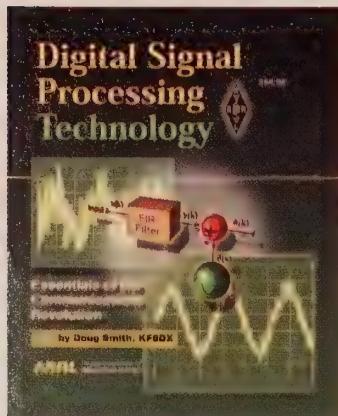
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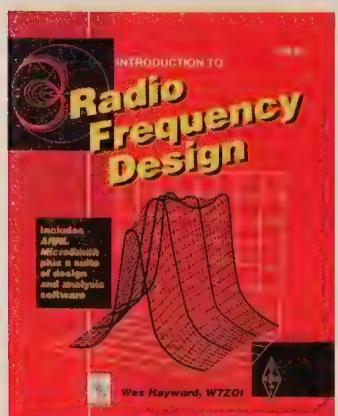
Technology—Essentials of the Communications Revolution, by Doug Smith, KF6DX,

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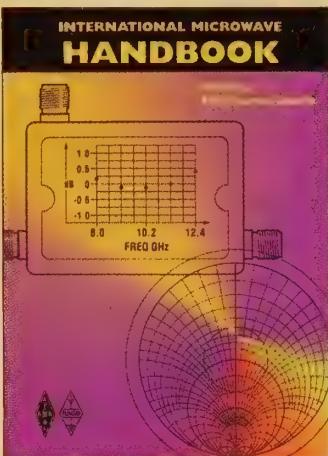
Design, by Wes Hayward, W7ZOI

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The fundamental methods of radio frequency design using mathematics as needed to develop intuition for RF circuits and systems. Simple circuit models are used to prepare you to actually design HF, VHF and UHF equipment. Book includes a CD-ROM with ARRL MicroSmith Smith® Chart simulation software, and a suite of design and analysis software (for IBM PCs and compatibles). First ARRL Edition, third printing, © 1994-2000.

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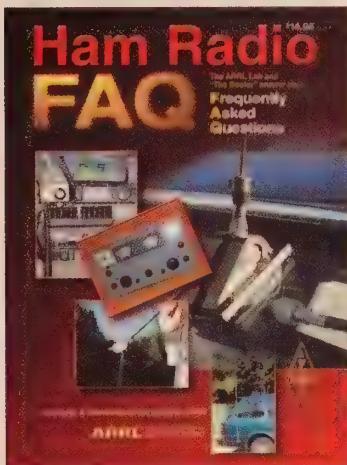
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The precursor to this significant work was the three volume **Microwave Handbook** published by the RSGB in the late eighties and early nineties. This new book includes contributions from radio amateurs, organizations, publications and companies from around the world.

Published jointly by The Radio Society of Great Britain (RSGB) and ARRL. #8739 \$39.95

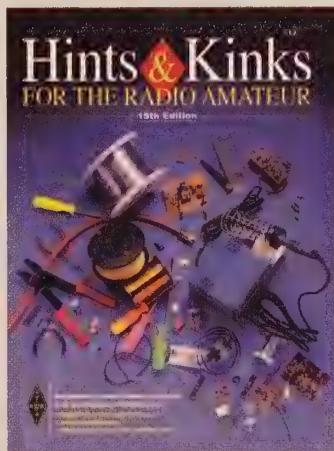


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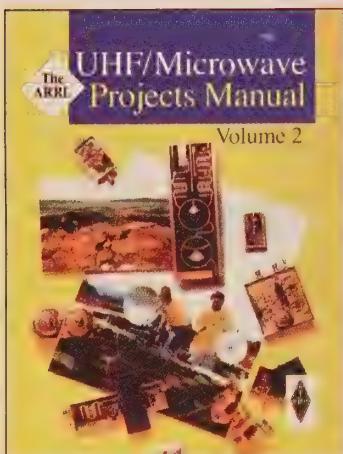
If you're a ham, it's inevitable that you'll have questions. This book is a compilation of actual questions submitted to ARRL's Technical Information staff on: antennas; station setup and operation; mobile and portable operation; batteries and grounding; and more. A references chapter includes the names and addresses of parts and kits suppliers, lists of essential tools, how to attach connectors, and other useful info.



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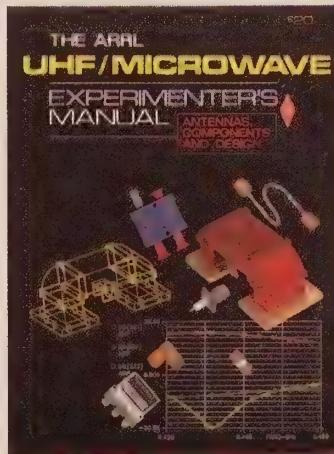
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The ARRL UHF/Microwave Projects Manual—Volume 2

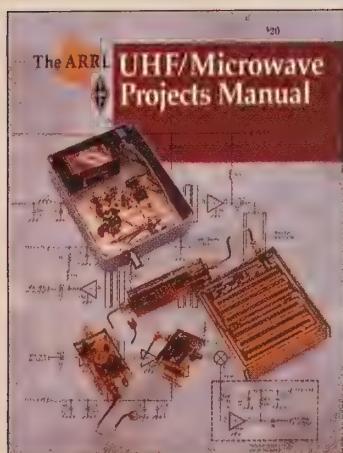
Contents: Antennas and transverters; using a TVRO feed; converting a radar detector; 2-W 10-GHz amplifiers; updates on the popular no-tune transverter; and more.

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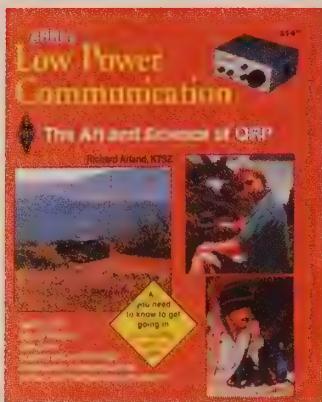
The ARRL UHF/Microwave Projects Manual—Volume 1

Contains dozens of construction articles for transverters, preamplifiers, power amplifiers, antennas, and test and measurement equipment. Some articles are previously unpublished; others are reprinted from conference **Proceedings**, **QST**, and **QEX**. If your interest lies in the bands above 432 MHz, you'll find this book to be invaluable.

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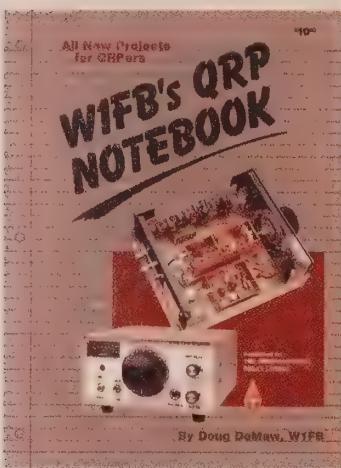
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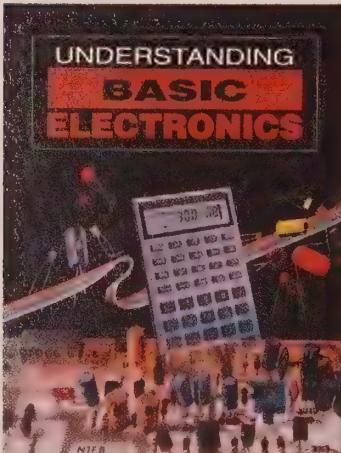
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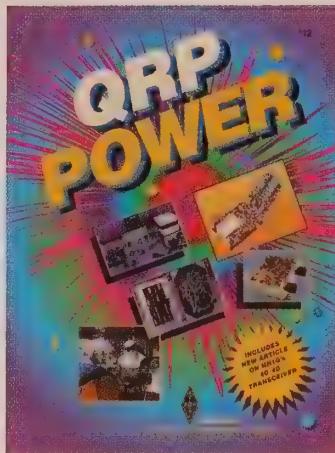
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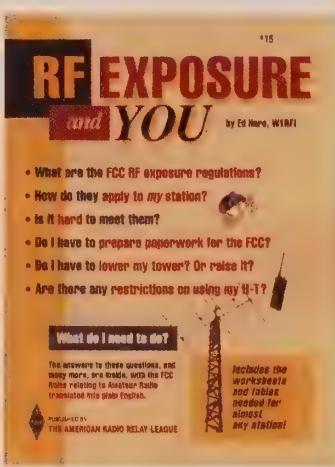
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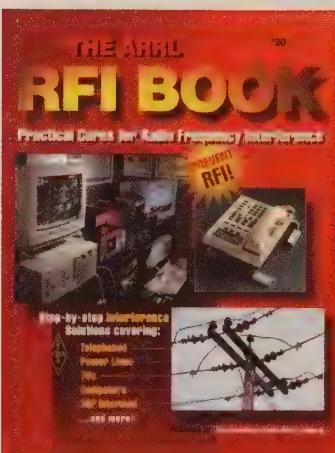


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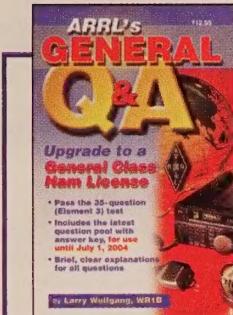


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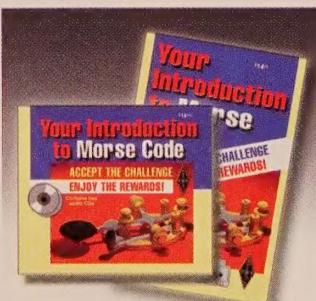


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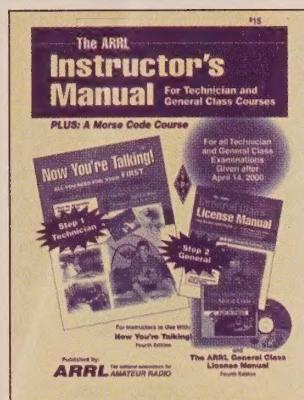
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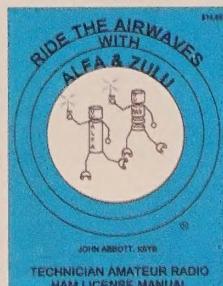
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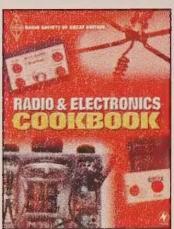
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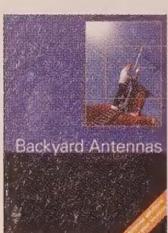
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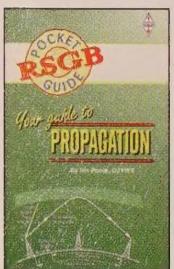
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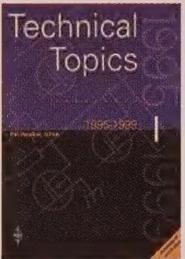


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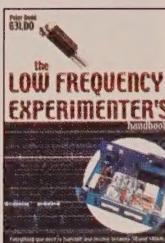
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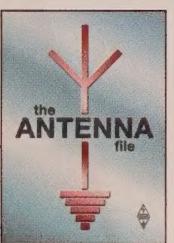
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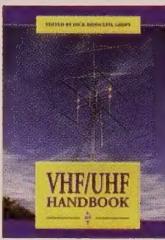
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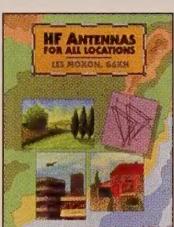
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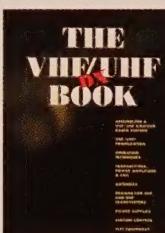
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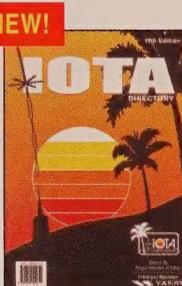
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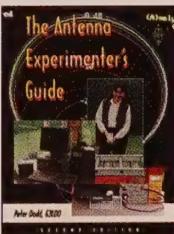
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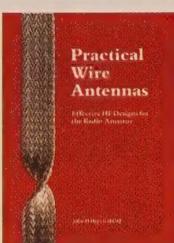
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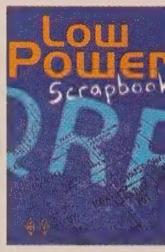
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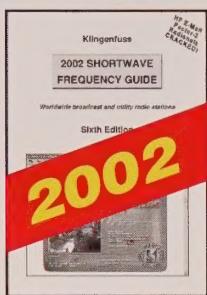
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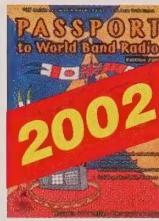
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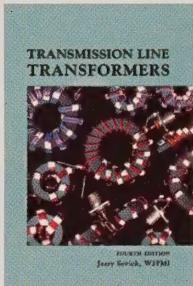
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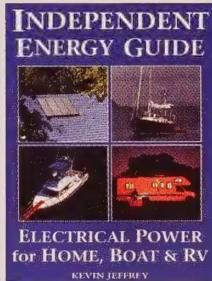
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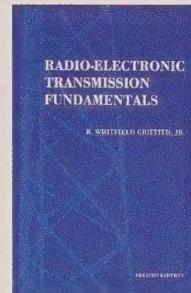
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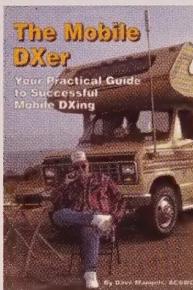
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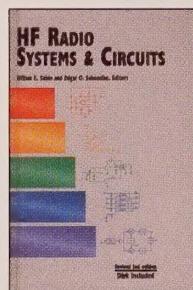
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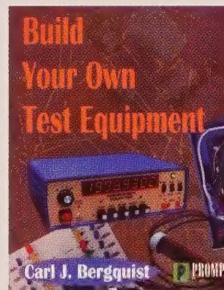
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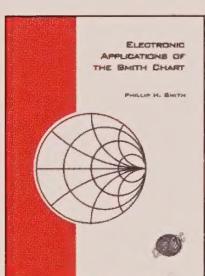
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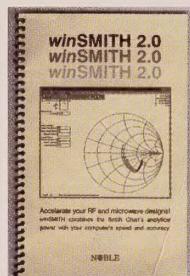
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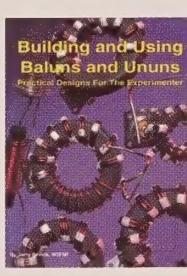
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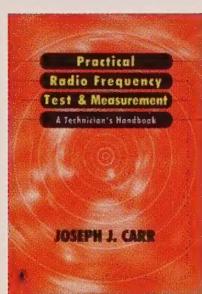
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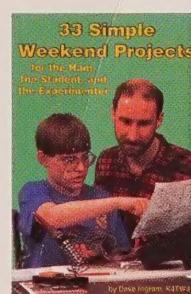
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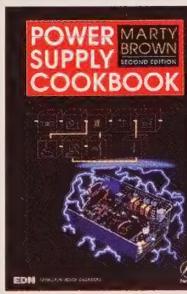
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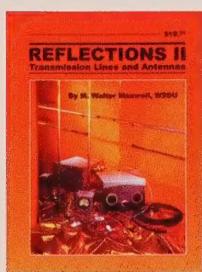
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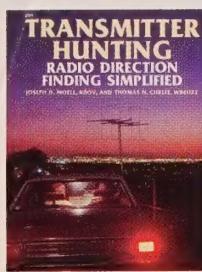
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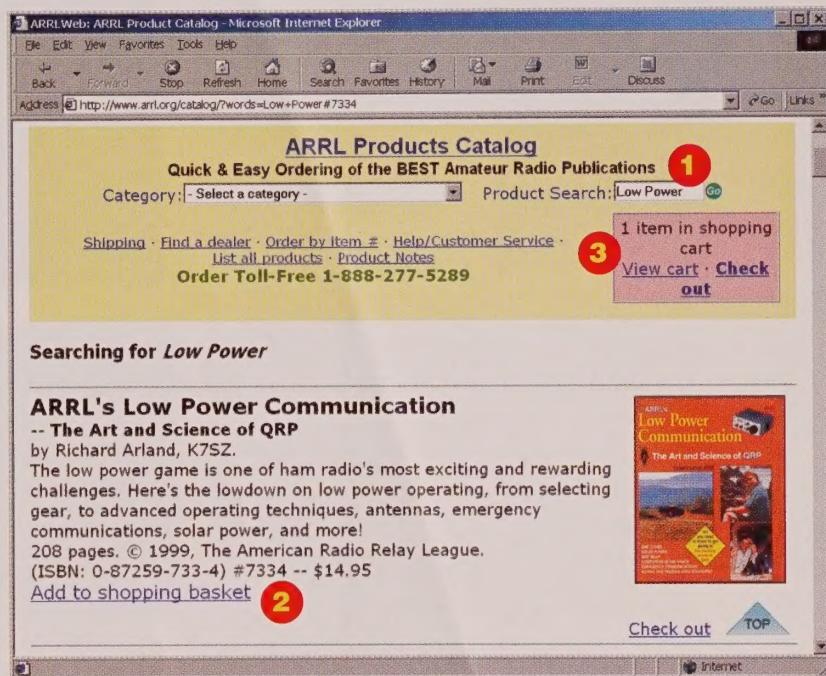
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